

0590
1109

#2

OIPE

RAW SEQUENCE LISTING

DATE: 11/01/2001

PATENT APPLICATION: US/09/978,167

TIME: 07:55:31

Input Set : A:\SEQLIST_1303.TXT

Output Set: N:\CRF3\11012001\I978167.raw

4 <110> APPLICANT: YAN, Chunhua et al.
6 <120> TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
7 NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
8 USES THEREOF
10 <130> FILE REFERENCE: CL001303
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/978,167
C--> 12 <141> CURRENT FILING DATE: 2001-10-17
12 <160> NUMBER OF SEQ ID NOS: 6
14 <170> SOFTWARE: FastSEQ for Windows Version 4.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 1839
18 <212> TYPE: DNA
19 <213> ORGANISM: Homo sapiens
21 <400> SEQUENCE: 1

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25	gtcttaaggc	agagaatagc	caggataagg	tgccagctca	aagctgtgtg	ccaaccacga	240
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27	aaaacctgta	atcaagacga	gcacatccca	gctcctcttg	accaaggcag	tgaacagcct	360
28	cttttccaac	ccctggatca	ccaagccaca	agtttgccct	caagggatct	aaatgagtgt	420
29	ggcctgaagc	cccgccctg	taagcacagg	tgcatgaaca	cttacggcag	ctacaagtgc	480
30	tactgtctca	acggatata	gctcatgccg	gatggttcc	gctcaagtgc	cctgacctgc	540
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P.5

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Input Set : A:\SEQLIST_1303.TXT

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57 <213> ORGANISM: Homo sapiens
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64 Ile Gly Leu Cys Arg Tyr Gly Gly Arg Ile Asp Cys Cys Trp Gly Trp
65 35 40 45
66 Ala Arg Gln Ser Trp Gly Gln Cys Gln Pro Phe Tyr Val Leu Arg Gln
67 50 55 60
68 Arg Ile Ala Arg Ile Arg Cys Gln Leu Lys Ala Val Cys Gln Pro Arg
69 65 70 75 80
70 Cys Lys His Gly Glu Cys Ile Gly Pro Asn Lys Cys Lys Cys His Pro
71 85 90 95
72 Gly Tyr Ala Gly Lys Thr Cys Asn Gln Asp Glu His Ile Pro Ala Pro
73 100 105 110
74 Leu Asp Gln Gly Ser Glu Gln Pro Leu Phe Gln Pro Leu Asp His Gln
75 115 120 125
76 Ala Thr Ser Leu Pro Ser Arg Asp Leu Asn Glu Cys Gly Leu Lys Pro
77 130 135 140
78 Arg Pro Cys Lys His Arg Cys Met Asn Thr Tyr Gly Ser Tyr Lys Cys
79 145 150 155 160
80 Tyr Cys Leu Asn Gly Tyr Met Leu Met Pro Asp Gly Ser Cys Ser Ser
81 165 170 175
82 Ala Leu Thr Cys Ser Met Ala Asn Cys Gln Tyr Gly Cys Asp Val Val
83 180 185 190
84 Lys Gly Gln Ile Arg Cys Gln Cys Pro Ser Pro Gly Leu Gln Leu Ala
85 195 200 205
86 Pro Asp Gly Arg Thr Cys Val Asp Val Asp Glu Cys Ala Thr Gly Arg
87 210 215 220
88 Ala Ser Cys Pro Arg Phe Arg Gln Cys Val Asn Thr Phe Gly Ser Tyr
89 225 230 235 240
90 Ile Cys Lys Cys His Lys Gly Phe Asp Leu Met Tyr Ile Gly Gly Lys
91 245 250 255
92 Tyr Gln Cys His Asp Ile Asp Glu Cys Ser Leu Gly Gln Tyr Gln Cys
93 260 265 270
94 Ser Ser Phe Ala Arg Cys Tyr Asn Val Arg Gly Ser Tyr Lys Cys Lys
95 275 280 285
96 Cys Lys Glu Gly Tyr Gln Gly Asp Gly Leu Thr Cys Val Tyr Ile Pro
97 290 295 300
98 Lys Val Met Ile Glu Pro Ser Gly Pro Ile His Val Pro Lys Gly Asn
99 305 310 315 320
100 Gly Thr Ile Leu Lys Gly Asp Thr Gly Asn Asn Asn Trp Ile Pro Asp
101 325 330 335
102 Val Gly Ser Thr Trp Trp Pro Pro Lys Thr Pro Tyr Ile Pro Pro Ile
103 340 345 350
104 Ile Thr Asn Arg Pro Thr Ser Lys Pro Thr Thr Arg Pro Thr Pro Lys
105 355 360 365

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Input Set : A:\SEQLIST_1303.TXT

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110 Leu Thr Thr Ile Ala Pro Ala Ala Ser Thr Pro Pro Gly Gly Ile Thr
111                      405                      410                      415
112 Val Asp Asn Arg Val Gln Thr Asp Pro Gln Lys Pro Arg Gly Asp Val
113                      420                      425                      430
114 Phe Ile Pro Arg Gln Pro Ser Asn Asp Leu Phe Glu Ile Phe Glu Ile
115                      435                      440                      445
116 Glu Arg Gly Val Ser Ala Asp Asp Glu Ala Lys Asp Asp Pro Gly Val
117      450                      455                      460
118 Leu Val His Ser Cys Asn Phe Asp His Gly Leu Cys Gly Trp Ile Arg
119 465                      470                      475                      480
120 Glu Lys Asp Asn Asp Leu His Trp Glu Pro Ile Arg Asp Pro Ala Gly
121                      485                      490                      495
122 Gly Gln Tyr Leu Thr Val Ser Ala Ala Lys Ala Pro Gly Gly Lys Ala
123      500                      505                      510
124 Ala Arg Leu Val Leu Pro Leu Gly Arg Leu Met His Ser Gly Asp Leu
125      515                      520                      525
126 Cys Leu Ser Phe Arg His Lys Val Thr Gly Leu His Ser Gly Thr Leu
127      530                      535                      540
128 Gln Val Phe Val Arg Lys His Gly Ala His Gly Ala Ala Leu Trp Gly
129 545                      550                      555                      560
130 Arg Asn Gly Gly His Gly Trp Arg Gln Thr Gln Ile Thr Leu Arg Gly
131                      565                      570                      575
132 Ala Asp Ile Lys Ser Val Val Phe Lys Gly Glu Lys Arg Arg Gly His
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140 <210> SEQ ID NO: 3

141 <211> LENGTH: 78785

142 <212> TYPE: DNA

143 <213> ORGANISM: Homo sapiens

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146 <221> NAME/KEY: misc_feature

147 <222> LOCATION: (1)...(78785)

148 <223> OTHER INFORMATION: n = A,T,C or G

150 <400> SEQUENCE: 3

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153 atttggtttt aagactgaga taatgaaatg tcaactccat ggcaactctg cctctttttc 180
154 ggaatgatca ttggtggtca tagttgcagc ataataacca gtttagacctt ggaaatcctt 240
155 tagattctcc ttattccatg atttaacaaa gactgatata attagctaca ttttactgaa 300
W--> 156 gggagaagct aaagttcaca ggcagaattc aatttaatcc aatccatctg tttnnnnnnn 360
W--> 157 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
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162 aagaggaggc taaattttaa tgaagaagga gtgttttota ggccaaagca aatatatgga 720
163 aaacaaaaga aagacgcag tagatggggc attacacttt tccctccagt tattttatct 780
164 gttttcatcc accactcttc gtcttttctc tagatctcca gtttttttagc cgtatattac 840
165 cccctttctc tctaatactc cattgcacac agtgagggtt atttgtaa ataccacagg 900
166 caccaactaa ccaaccaaca aacaaaaaca gctaaggagt agccactgga acctggaacc 960
167 atgcctacac ttacaaaaat ttgattttct gcagaaaaaa tattttgact cctacatttt 1020
168 tggacttcat tagaaggacc tgaaatggat gacaccaagc tgtttgccta aaataatgtc 1080
169 ccaagcctga attggcatgg atctttcttg agattaaaa atgaaacttgt tttgctaact 1140
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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\SEQLIST_1303.TXT

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

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L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:419 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:462 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

L:463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/978,167

DATE: 11/01/2001

TIME: 07:55:32

Input Set : A:\SEQLIST_1303.TXT

Output Set: N:\CRF3\11012001\I978167.raw

L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:489 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3